

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,149,311 B2
APPLICATION NO. : 10/072331
DATED : December 12, 2006
INVENTOR(S) : P.D. MacKenzie et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

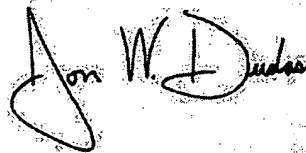
On the Title Page:

Item (75), second inventor, change "Raritan, NJ" to --Pittsburgh, PA--.

In claim 29, column 22, line 42, change "operations" to --operation--.

Signed and Sealed this

Twentieth Day of February, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office